

## ABSTRACT

A display driver comprises second and third MOSFETs for supplying reference currents equal to each other, a first current-input MOSFET connected to the second  
5 MOSFET, a second current-input MOSFET connected to the third MOSFET, a plurality of mirroring devices which are placed between the first current-input MOSFET and the second current-input MOSFET and to which a current fed to each of the first and second current-input MOSFETs is distributed, and current adding means for changing the output current value by adding currents produced in the plurality of mirroring devices.